

Date: _____

Name: _____

Assignment: Frequency Table and Histogram

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These are grades from Professor Eyesore's Statistics Class:

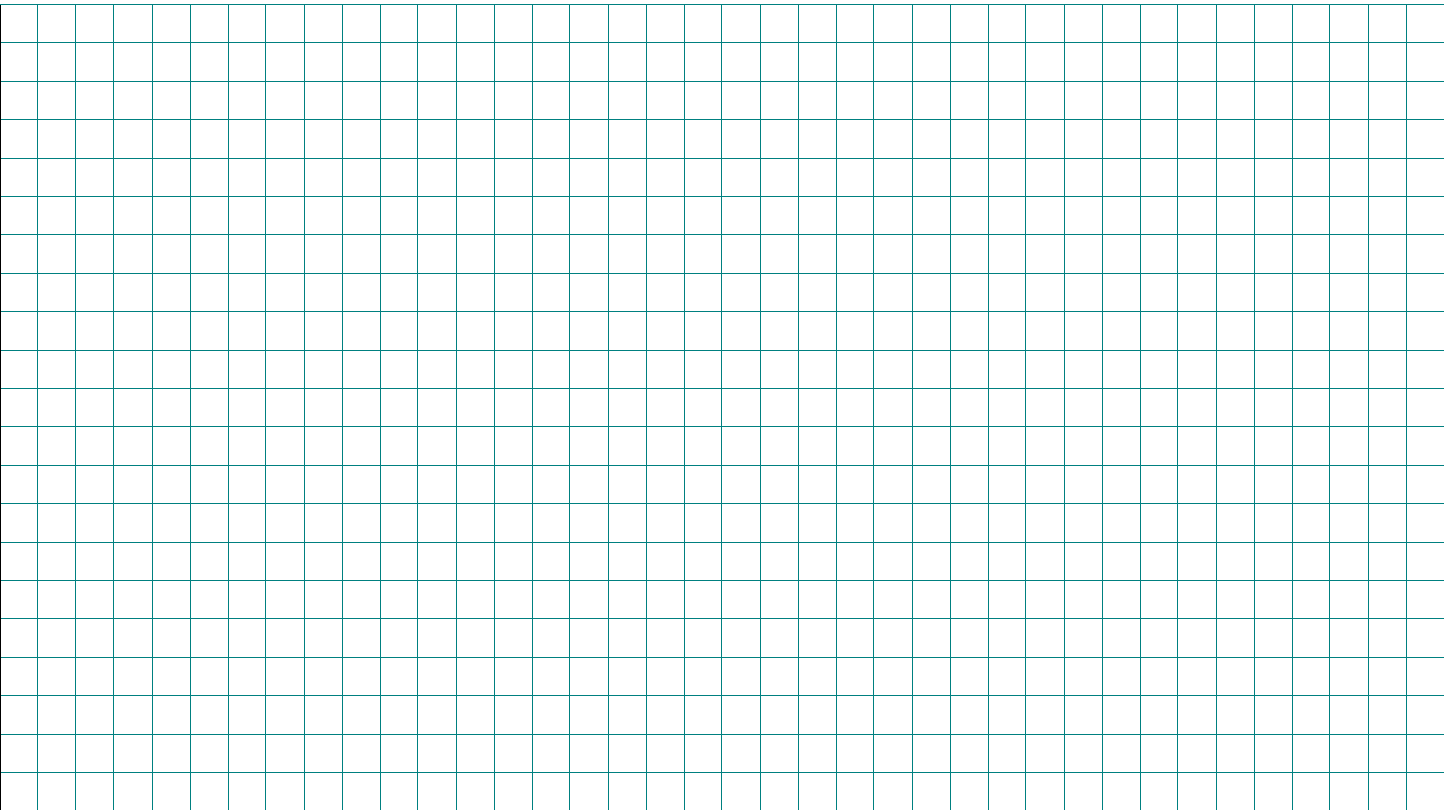
a) Use the data in the table on the left to create a frequency table (on the right). Calculate the range. Divide by 8 intervals to find the size of each interval. (Show your work). Make sure each

16	29	40	51	65	65	77	86
18	29	41	19	53	65	70	79
86	21	29	41	55	65	71	23
81	91	22	38	41	56	65	73
83	93	25	88	39	41	59	65
75	85	97	17	50	52	21	66

grade interval is the same size. /4

Grades -% (over-including)	Tally	Frequency (# of Grades)

b) Create a histogram of the data. Be sure to include a title and labels for the axes. TAILS / 5



- b) What grade range did **most** students score between? _____ to _____ and _____ to _____
- c) Using the graph, determine how many students in Mr. Eyesore's class have a mark below 50%.